ADVANCED JAVA COURSE SYLLABUS

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Advanced JAVA Course Syllabus

SLA is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program.

We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too.

If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose SLA. With SLA, your IT dream will definitely come into reality.

Please go through the long list of our student reviews / offer letters @ www.joinsla.com to get to know more about us.

Introduction

- ❖ Java Basics
- ❖ History of Java
- ❖ Java Environment
- ❖ Java Lifecycle
- ❖ Features of Java
- ❖ Robust Java
- ❖ Java Security
- ❖ Environment Setup
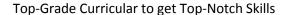
Exception Handling

- ❖ Error vs Exception
- ❖ Handlers List
- ❖ Try..catch Statement
- ❖ Finally Block
- ❖ Throw & Throws
- ❖ User-Defined Exeption
- ❖ Multiple Catch
- ❖ Throws with methods

Java GUI-AWT/SWING

- ❖ Understanding AWT
- ❖ Swing Features
- ❖ Different Components
- ❖ Create Frame
- ❖ Dealing with Button
- ❖ Work with ActionListener
- ❖ Check with Netbeans
- ❖ Check with Ecllipse

Java Fundamentals

- ❖ Hello World Example
- ❖ Java Variables
- ❖ Java Data Types
- ❖ Java Operators
- ❖ Java Arrays
- ❖ Java Control Flow
- ❖ Java Enum
- ❖ Java Enhanced Loop

File Handling

- ❖ Java FileIO
- ❖ Varius Classes
- ❖ Reading from File
- ❖ Writing to Files
- ❖ Create/Delete/Update File
- ❖ IO advantages
- ❖ Various IO Technique
- ❖ File IO Exceptions

Core Java Training

Core Java Advance Topics

JDBC Technique

- ❖ Understanding with MySql
- ❖ JDBC Driver Setup
- ❖ Create Connection
- ❖ Write Statement
- ❖ Create Login/Logout
- ❖ Insert/Update/Delete
- ❖ Understand ResultSet
- ❖ Work with

OOPS in Java

- ❖ Java Class & Object
- ❖ Abstration
- ❖ Encapsulation
- ❖ Polymorphism
- ❖ Inheritance
- ❖ Contructors in Java
- ❖ Garbage Collection
- ❖ Java Runtime Scenario

Threading in Java

- ❖ Thread in Java
- ❖ Thread Life Cycle
- ❖ Create Multiple Thread
- ❖ Synchronization
- ❖ Deadlock
- ❖ MultiThread Usage
- ❖ Thread Safe Coding
- ❖ Thread Interference

Collections in Java

- ❖ Collection Framework
- ❖ Util classes & interfaces
- ❖ Generic vs Non-generic
- ❖ ArrayList vs List
- ❖ Vector
- ❖ HashTable
- ❖ Set
- ❖ Iterators

Applet

- ❖ Applet Basics & Features
- ❖ Graphics in Applets
- ❖ Work with Images
- ❖ Work with Animation
- ❖ Event Handling
- ❖ JApplet Class
- ❖ Painting in Applet
- ❖ Applet Analog Clock
- ❖ Applet Digital Clock
- ❖ Applet's Parameter
- ❖ Applet's Communications

Are you happy with our course curriculum? Then why you delay? Take your mobile phone and ring us quickly on +91 88707 67784.